

NUCLEAR ENGINEERING & SECURITY

Expert solutions for development and protection of critical programs and infrastructure.



Boston Government Services, LLC

BGS is a respected provider of mission-focused solutions for Nuclear Safety, Nuclear Criticality Safety, Specialized Design Engineering, and Safeguards and Security in the nuclear industry.

BGS has assembled a team of highly skilled professionals with the experience in complex and highly regulated environments. Our experts address challenges and provide tailored and highly effective solutions that make us a valued partner to our clients.

We support projects ranging from innovative small modular reactor design and licensing to D&D of the nation's nuclear weapons complex legacy facilities.

NUCLEAR SAFETY

- Nuclear Safety Engineering program development and implementation
- Hazards identification, screening, and evaluation
- Chemical and radiological dispersion and consequence analysis
- Hazard control development and implementation
- DSA/TSR development and revision per DOE-STD-3009-2014
- SMR licensing strategy and development

NUCLEAR CRITICALITY SAFETY

- NCS program development and implementation
- Criticality code verification and validation
- NCS evaluations of fissile material operations per DOE-STD-3007-2017
- Criticality incredible determinations
- Criticality accident alarm system placement

SAFEGUARDS & SECURITY

- Security program surveys and assessments
- Information security and classification
- Emergency management
- Security program planning and optimization
- Protective force planning

SPECIALIZED DESIGN ENGINEERING

- Engineering program optimization
- Engineering design services – all disciplines
- 3-D design package development
- Fabrication/construction support
- Test plan development and implementation

OPERATIONS SUPPORT

- Training program development and implementation
- Procedure development and revision
- Work planning and control
- Industrial safety and health
- Waste management, packaging, and transportation compliance